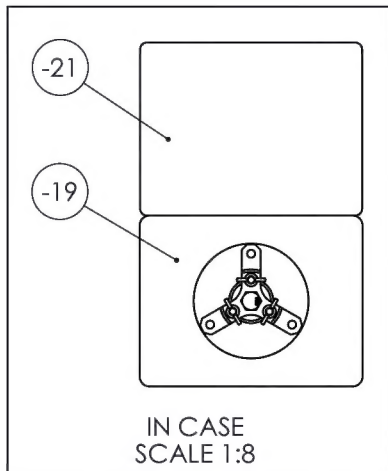
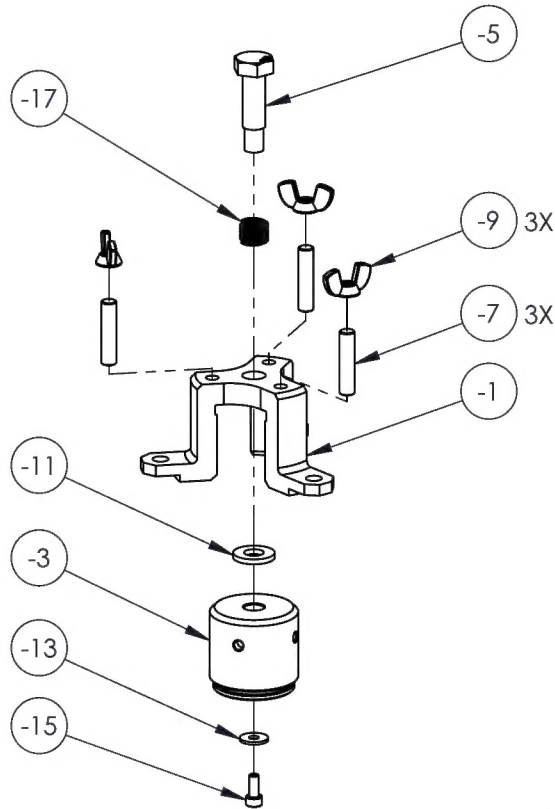
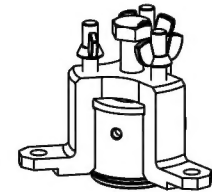


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	5/10/2016	DPD	JAG



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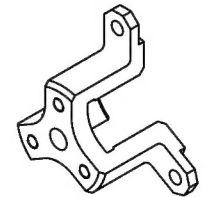
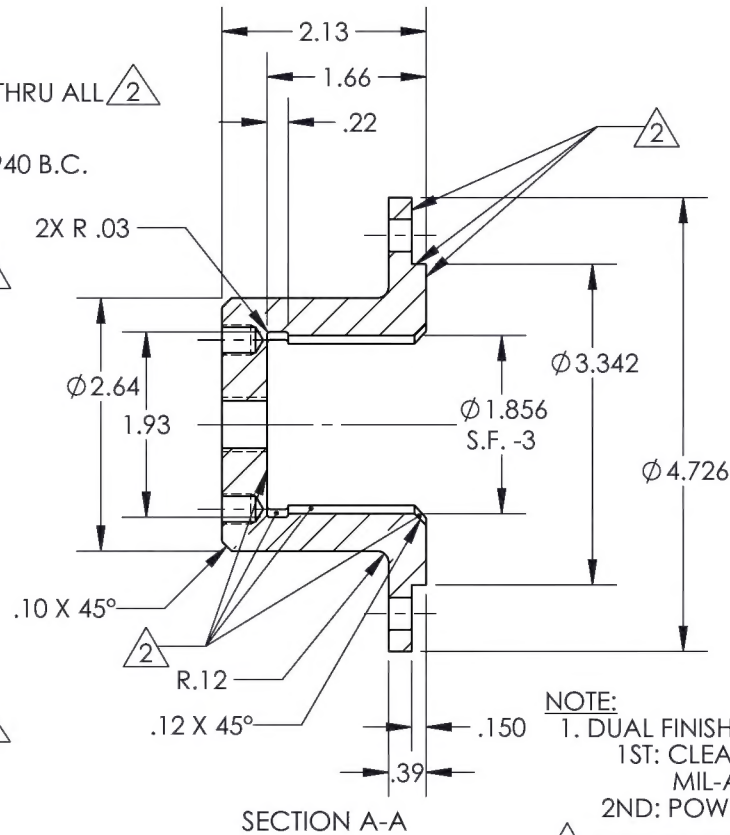
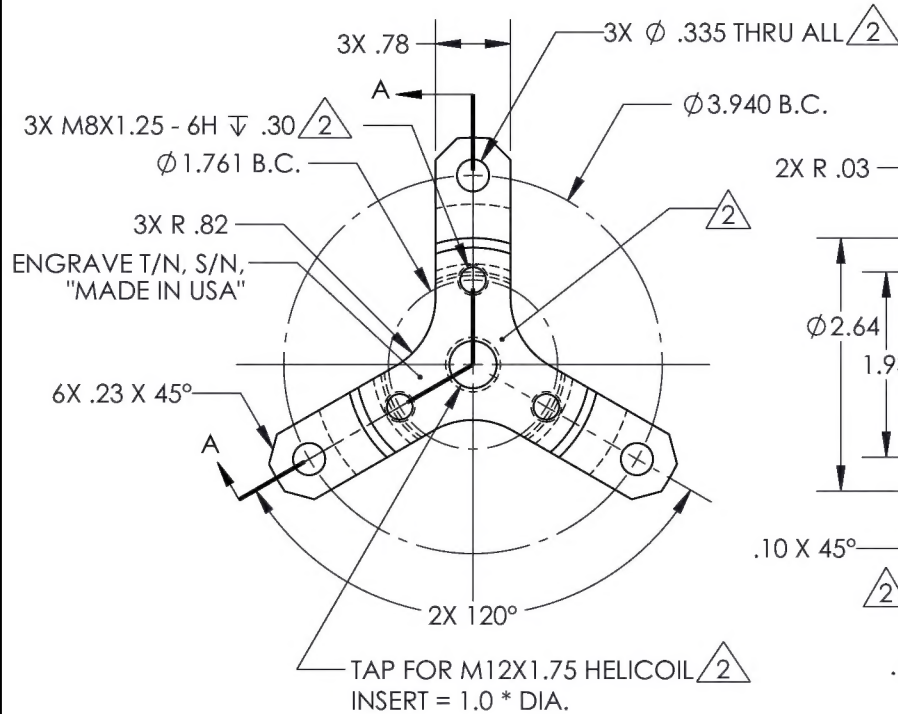
URF17-779 VM

NOTE:
REF. AIRBUS T/N: M632V3010101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.			
			-1	1	BASE	6061		2			
			-3	1	PULLER	4140/4142		3	TITLE HYDRAULIC PUMP SEAL EXCHANGE		
			-5	1	HEX HEAD CAP SCREW	STEEL	M12 X 1.75mm X 45mm {MCMASTER-CARR #91310A142} MODIFIED	4			
		B/O	-7	3	THREADED STUD	S.S.	M8 X 1.25mm X 35mm {MCMASTER-CARR #93805A358}	5	DWG NO. RBEM632V3010101		
		B/O	-9	3	WING NUT	STEEL	M8 X 1.25mm {MCMASTER-CARR #94300A340}	6			
		B/O	-11	1	WASHER	NYLON	M10 {MCMASTER-CARR #95610A600}	1	MAT'L REAT _____ TREAT _____ FINISH _____ SPEC _____		
		B/O	-13	1	WASHER	STEEL	M5 {MCMASTER-CARR #91100A140}	1			
		B/O	-15	1	SOCKET HEAD CAP SCREW	STEEL	M5 X 0.8mm X 12mm {MCMASTER-CARR #90128A236}	1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125√		
		B/O	-17	1	HELICAL INSERT	S.S.	M12 X 1.75mm X 12mm {MCMASTER-CARR #91732A653}	1			
		B/O	-19	1	BOTTOM FOAM	Y20 BLACK	4.97 X 7.12 X 9.28 (I.R. SPECIALTY)	1	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
		B/O	-23	1	CASE	PLASTIC	PELICAN #APP-1300-E	1			
		B/O	-21	1	LID FOAM	Y-20 BLACK	1.20 X 7.21 X 9.25 (I.R. SPECIALTY)	N/S	APPROVED: GILBERT SCALE 1:4 DATE 4/18/2016 SHEET 1 OF 6		
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S			

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NOTE:
1. DUAL FINISH:
1ST: CLEAR ANODIZE,
MIL-A-8625F TYPE II CLASS I.
2ND: POWDER COAT YELLOW, FED #13538.
2. NO POWDER COAT THIS SURFACE.

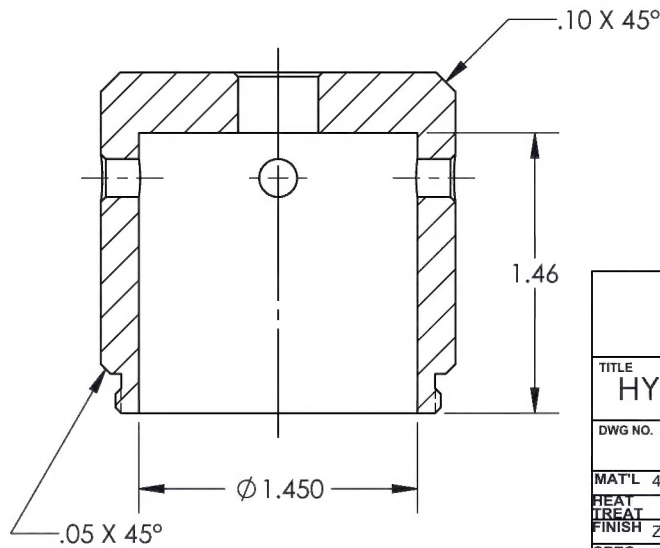
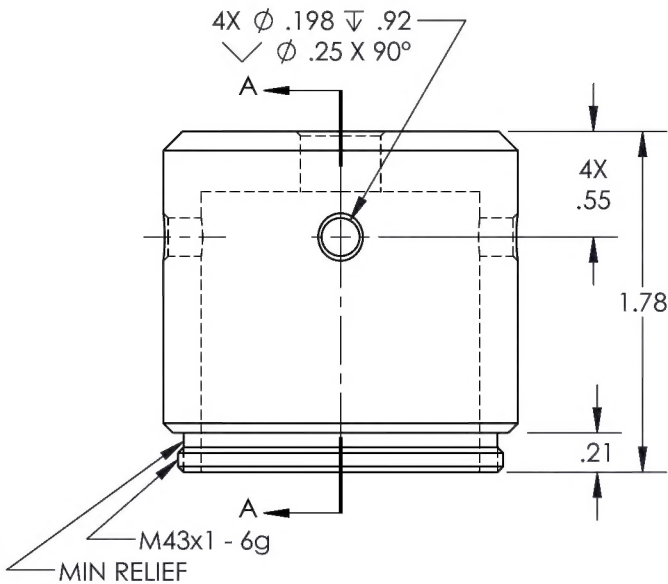
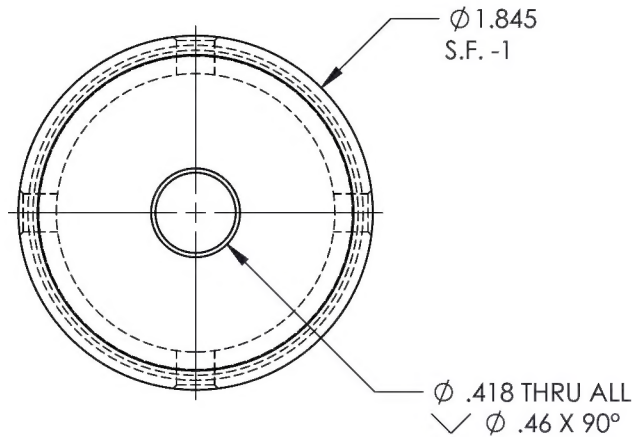
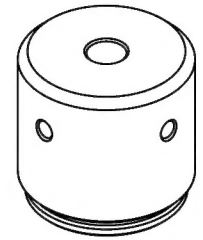
UNDER REVIEW
URF17-779 VM

(-1)
BASE

DART AEROSPACE	
TITLE HYDRAULIC PUMP SEAL EXCHANGE	
DWG NO. RBEM632V3010101-1	REV 1
MAT'L 6061	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± .5°	
.X ± .1 SURFACES = 125/	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:2	DATE 4/18/2016
SHEET 2 OF 6	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



SECTION A-A

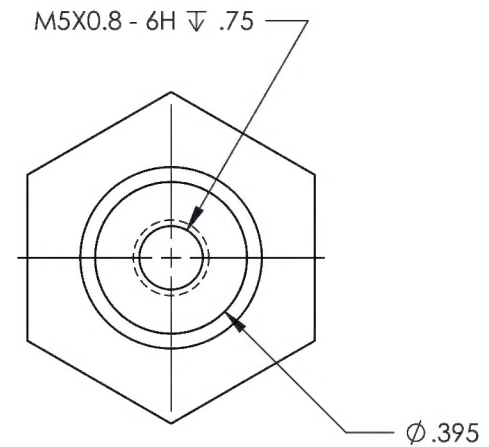
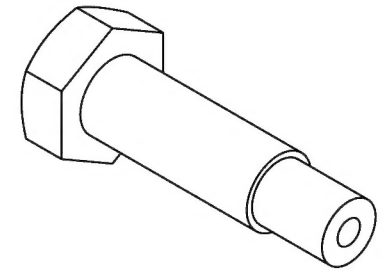
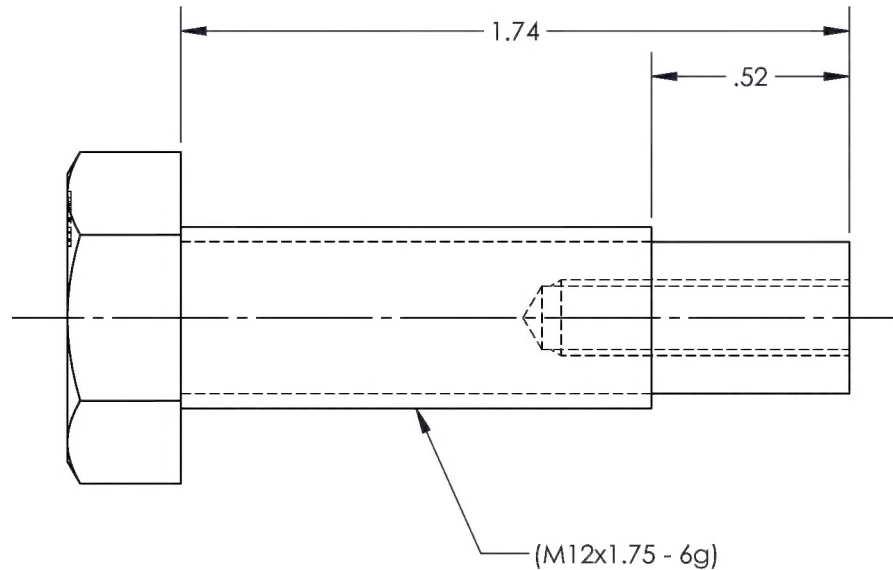
(-3)
PULLER

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URF17-779 VM

DART AEROSPACE	
TITLE HYDRAULIC PUMP SEAL EXCHANGE	
DWG NO. RBEM632V3010101-3	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC ASTM B633 TYPE I SC 2	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: DUERFELDT	.X \pm .1 SURFACES = 125 \checkmark
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 4/18/2016
	SHEET 3 OF 6

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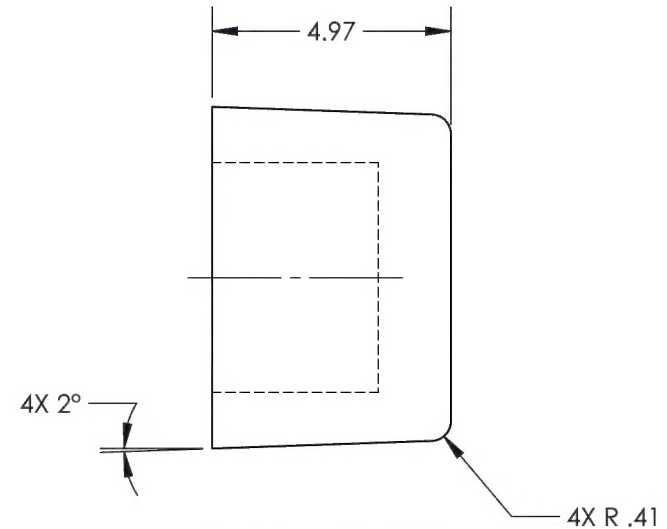
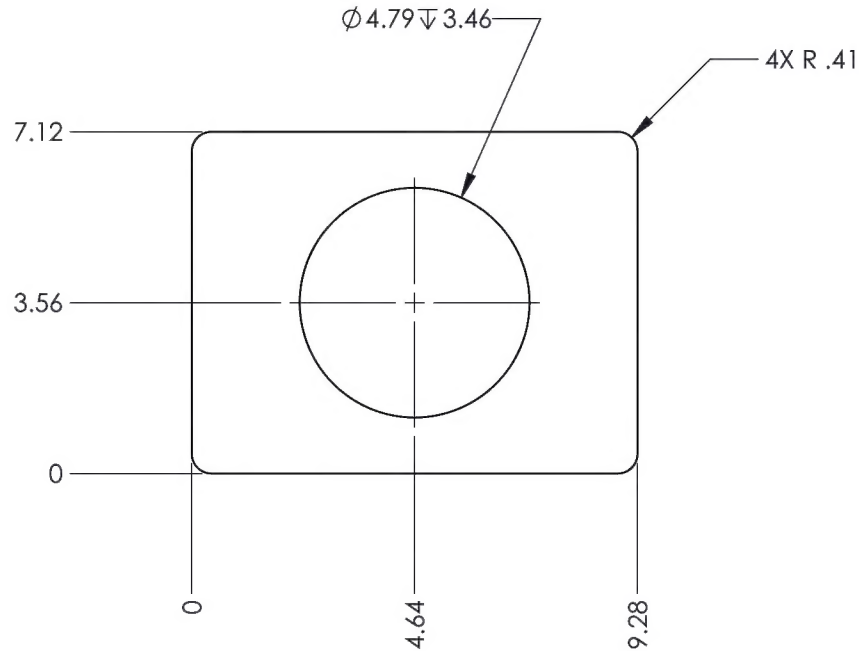
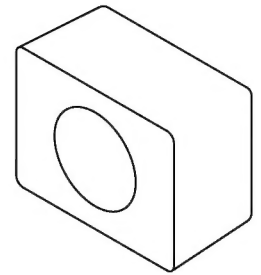
(-5)

HEX HEAD CAP SCREW

DART AEROSPACE	
TITLE HYDRAULIC PUMP SEAL EXCHANGE	
DWG NO. RBEM632V3010101-5	REV 1
MAT'L STEEL	
HEAT TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: DUERFELDT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL H175
SCALE 2:1	DATE 4/18/2016
SHEET 4 OF 6	

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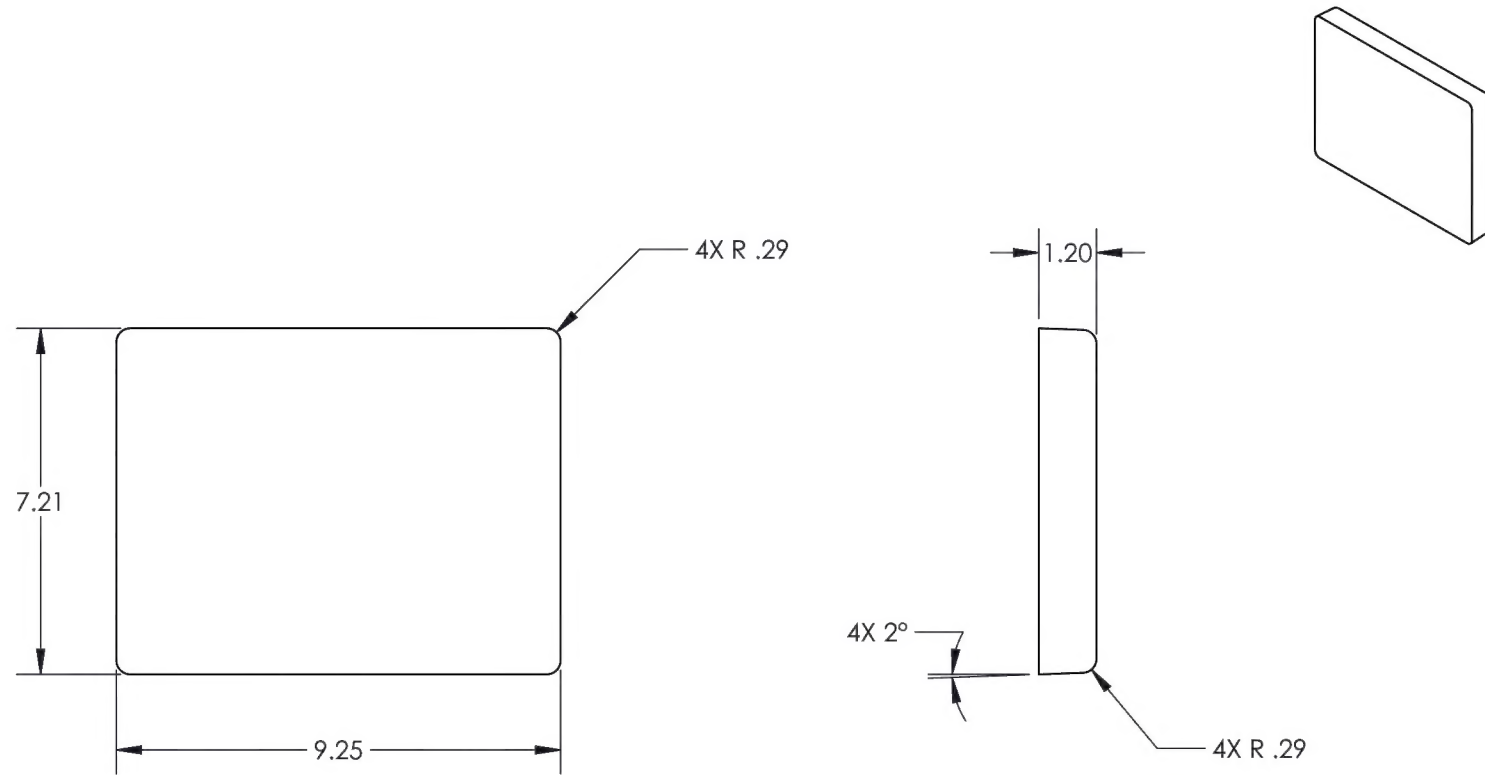
(-19)

BOTTOM FOAM

DART AEROSPACE	
TITLE HYDRAULIC PUMP SEAL EXCHANGE	
DWG NO. RBEM632V3010101-19	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:4	DATE 4/18/2016
SHEET 5 OF 6	

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(-21)
LID FOAM

DART AEROSPACE	
TITLE HYDRAULIC PUMP SEAL EXCHANGE	
DWG NO. RBEM632V3010101-21	REV 1
MAT'L Y-20 BLACK	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:4	DATE 4/18/2016
	SHEET 6 OF 6